Inventor: Hiroshi NISHIZAWA Docket No.: 10873.1438US01 Title: IMAGING APPARATUS Attorney Name: Douglas P. Mueller Phone No.: 612.371.5237 Sheet 1 of 3

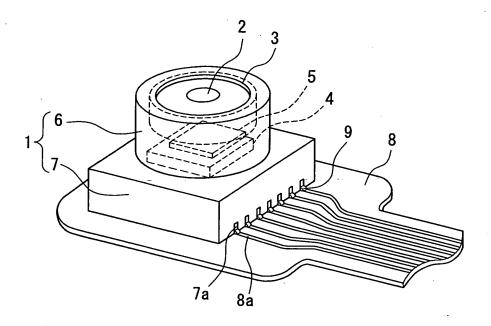


FIG. 1

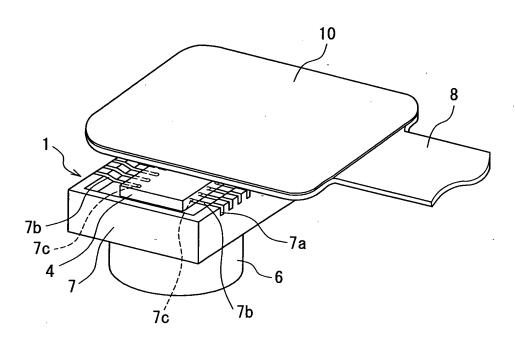


FIG. 2

Inventor: Hiroshi NISHIZAWA
Docket No.: 10873.1438US01
Title: IMAGING APPARATUS
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 2 of 3

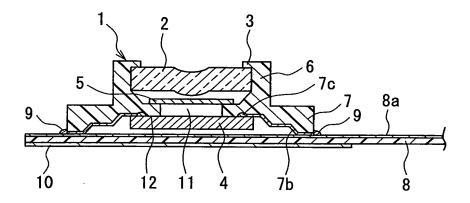


FIG. 3

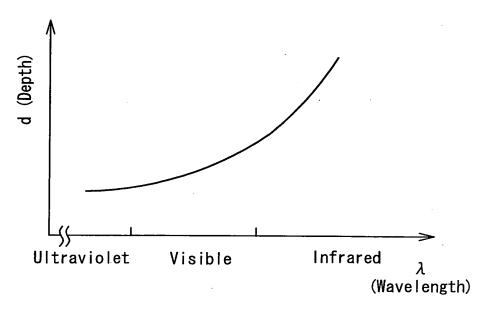
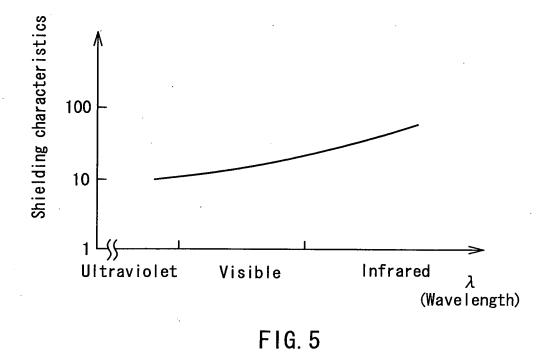


FIG. 4

Inventor: Hiroshi NISHIZAWA
Docket No.: 10873.1438US01
Title: IMAGING APPARATUS
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 3 of 3



Chip thickness (mm) 1. 0 × 0 0 × 0.8 0. 6 0.4 0. 2 10³ 500 10⁴ 10⁵ Illumination (1x)

FIG. 6